

AMENDMENT NO. A00001

SOLICITATION: VA261-14-B-0353

PROJECT: 640-14-909

BIDDER QUESTIONS AND CLARIFICATIONS

QUESTION: Provide missing Technical Exhibit 8 per this paragraph in the IFB: 2.4.3 “The contractor shall replace the condensers and evaporator modules listed in technical exhibit 8 with new R-410A units of the same size.”

RESPONSE: This is a typographical error, paragraph 2.4.3 should read “...technical exhibit 2...”

QUESTION: Regarding the condensers, and evaporators, please provide: Specs., Model number, and performance.

RESPONSE: See Environmental Growth Chambers (EGC) package units below.

Environmental Growth Chamber Condenser/Evaporator Information							
Room Serviced	Unit HP	Cooling Type	Evap Count	Model Number	Electrical Disconnect info	Condenser brand	BLDG
B4-130	2 HP	Air	2	A4-3.4-222-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	101
C4-110	3 HP	Air	2	B3-2.25-200-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	101
D3-110	1 1/2 HP	Air	1	B3-2.25-200-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	100
D3-110A	3 HP	Air	1	B3-2.25-200-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	100
E4-209	2 HP	Air	2	A4-3.4-222-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	100
E4-211	1/2 HP	Air	1	A4-3.4-222-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	100
E4-225	1 HP	Air	1	A4-3.4-222-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	100
F4-224	2 HP	Air	2	A4-3.4-222-PS-6	3PH / 208V / 30A disconnect	Copeland Quality Condenser	100

QUESTION: Regarding the VFD'S, do any of the VFD'S require bypass, circuit breakers, or disconnect switches? Also, do the VFD's require any NEMA enclosures, and if so, what type?

RESPONSE: Each new VFD shall have a bypass, disconnect, and shall be fed through the existing electrical system (circuit breaker found

locally). VFD shall be installed in the existing NEMA 3R cabinets and/or inside the AHU structure.

QUESTION: How many VFD,s to be Removed & Replaced?

RESPONSE: VFD count and requirement found in technical exhibit 1.

QUESTION: What are the horsepower of each VFD?

RESPONSE: See technical exhibit 1.

QUESTION: What are the voltage, & phase of each VFD?

RESPONSE: "AHU-3- Interior Supply VFD interface" for operating Hz, Amps, Voltage as an example of VFD voltage information.

QUESTION: Same information needed for each of the " disconnect switches" to be replaced, including the NEMA rating of the enclosures.

RESPONSE: NEMA 1 given interior conditions, sized to motor requirements.